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CLAIMS

- 5 1. A holder for a microtitreplate (12) or an array of
separate test tubes, characterised in that it
comprises a first panel (1) provided with a recess
(2) for receiving each well (3) of the micro-
titreplate (12) or test tubes and a second panel (7),
which together with the first panel (1) and three
10 side walls (5) form an inner space (8), wherein the
fourth side (9) comprises an inlet (10) for gas or
liquid, whereby the gas or liquid entering the inner
space (8) via the inlet (10) leaves the inner space
(8) via said recesses (2), along the outside of the
15 wells (3).
2. A holder according to claim 1, wherein the second
panel (7) is made up by the microtitreplate (12)
itself.
- 20 3. A holder according to claim 1, wherein the second
panel (7) is a releasable lid.
- 25 4. A holder according to claim 1, 2 or 3, wherein at
least one protrusion (13) is provided on the first
panel (1) in order to secure a gap (6) between the
wells (3) and the recesses (2).
- 30 5. A holder according to anyone of the previous claims,
wherein at least one baffle (11) is provided in front
of the row of wells (3) positioned closest to the
inlet (10) for gas or liquid.

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6. A method for cooling or heating samples contained in wells (3) of a microtitreplate (12) or an array of separate test tubes, characterised by inserting the microtitreplate (12) or array of separate test tubes into a holder comprising a first panel (1) provided with a recess (2) for receiving each well (3) of the microtitreplate (12) or test tubes and a second panel (7), which together with the first panel (1) and three side walls (5) form an inner space (8), wherein the fourth side (9) comprises an inlet (10) for gas or liquid, and letting gas or liquid enter said inner space (8) of the holder and further out through said recesses (2), along the outside of the wells (3).

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